

# Rhodora

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### THE VARIATIONS OF PSORALEA PSORALIOIDES

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In identifying a collection of plants from Kentucky it became apparent that *Psoralea psoralioides* of the interior of the United States is different in many respects from the plant of the Atlantic Coastal Plain. At the suggestion of Professor Fernald I have studied the species. My conclusions are here presented.

**PSORALEA PSORALIOIDES** (Walt.) Cory, var. **typica**. Floral bracts, calyces and leaflets pubescent, conspicuously glandular-dotted: legumes and stipules glandular-dotted: bracts convex, suborbicular, abruptly caudate, 6–10 mm. long, 2–5 mm. wide, with attenuate cauda 3–5 mm. long: calyx 3–5 mm. long, averaging 3.5 mm., with triangular-ovate lobes; its ventral lobe 1.6–2.6 mm. long; dorsal lobes 1–2 mm. long: leaflets 0.6–2 mm. wide, 2–5 cm. long, about 4–5 times longer than broad.—*Trifolium psoralioides* Walt., Fl. Car. 184 (1788), type lost. *Hedysarum pedunculatum* Mill. Gard. Dict. ed 8, no. 17 (1768) in part. *Psoralea melilotoides* Michx. Fl. Bor.-Am. ii. 58 (1803). *P. Melilotus* Pers. Syn. ii. 347 (1807). *P. pedunculata* (Mill.) Vail, Bull. Torr. Bot. Cl. xxi. 114 (1894), not *P. pedunculata* Ker. Bot. Reg. t. 228 (1817), which is *P. sericea* Poir. *Orbexilum pedunculatum* (Mill.) Rydberg, N. Am. Fl. xxiv. 7 (1919). *P. psoralioides* Cory in RHODORA, xxxviii. 404 (1936).—Dry sand and clay of the Coastal Plain states, from Virginia to Georgia. The following are characteristic. VIRGINIA: Carson, Fernald, Long & Smart, 1936, no. 5809; Petersburg, Fernald, Long & Smart, 1936, no. 5808; Waverly, Fernald & Long, 1936, no. 6234; Kilby, Fernald, Long & Fogg, 1935, no. 4890; Henrico Co., Randolph, 1922, no. 423; Suffolk, A. A. Heller, 1893, no. 959; Williamsburg, Weatherby, 1921, no. 3755. NORTH CAROLINA: Williams-ton, Wiegand & Manning, 1927, no. 1531; Wilson, Randolph, 1922, no. 736. SOUTH CAROLINA: Society Hill, Donnell-Smith, 1884;